

Martin G. Buehler, P.E.
Director of Transportation/County Engineer



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Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation
LCDOT Change Order No. 3

TO: Public Works and Transportation Committee Financial Administrative Committee	Committee Action Meeting Date DATE: December 2, 2009 DATE: December 2, 2009
FROM:  Martin G. Buehler County Engineer	SUBJECT: Change Order No. 3 Section No. 08-00999-02-RP

Joint Committee action item approving Change Order No. 3 consisting of an increase of \$560,705.25 for additions to the Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation's Construction Contract, designated as Section No. 08-00999-02-RP.

- Arlington Heights Rd. & Buffalo Grove Rd.: Concrete Pavement Rehabilitation
LCDOT Change Order No. 3
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- Arlington Heights Rd. & Buffalo Grove Rd. project is under contract with Vixen Construction, under an original awarded contract at bid unit prices totaling \$2,379,085.70.
- Change order #1 at \$195,887 was to add the dowel bars and tie bars not included in the specifications.
- Change order #2 at (\$2,034) was a credit for low strength concrete.
- This change order #3 reflects a change in repair strategy due to field conditions of the pavement concrete on Arlington Heights Road at those cracks which were to have dowel bar retrofits (DBR). At these locations the switch was made from DBR to full depth patching.
- There will be a balancing change order #4 in the spring of 2010 which will be minor.

Summary:

Original awarded contract:	\$2,379,085.70
Change Order No. 3:	\$ 560,705.25
Sum of all changes:	\$ 754,558.26

ILLINOIS DEPARTMENT OF TRANSPORTATION

Request for Approval
of Change in Plans

Date: 11/18/09

Request: 3

To: Department of Transportation
LCDOT/SCHAUMBURG

I recommend that a(n) addition be made to the above contract.

The estimated quantities are shown below and the contractor agrees to furnish the materials and do the work at the contract unit prices.

Local Agency: Lake County

Name: Arlington Heights Rd &
Buffalo Grove Rd Conc Pvmnt Rehab
Section: 08-00999-02-RP

Contractor: Vixen Construction, Inc.
Address: 7600 W. 79th Street
Bridgeview, IL, 60455
Contract Amount: \$2,379,085.70

Item #	Description	Unit	Changed Quantity	Unit Price	P/O No.:	
					Additions	Deductions
3	Tree Pruning (Over 10 inch diameter)	Each	-45.00	\$49.50	\$0.00	\$0.00
12	Perimeter Erosion Barrier	Ft	1,539.00	\$2.30	\$3,539.70	-\$2,227.50
15	Portland Cement Concrete Pavement 10" (Jointed)	Sq Yd	4.40	\$60.00	\$220.00	\$0.00
21	Combination Concrete Curb and Gutter Removal and Replacement	Ft	1,400.00	\$34.00	\$47,600.00	\$0.00
24	Class B Patches, Type 2, 9 inch	Sq Yd	7,760.30	\$71.00	\$550,981.30	\$0.00
25	Class B Patches, Type 3, 9 inch	Sq Yd	1,998.10	\$66.00	\$131,874.60	\$0.00
26	Class B Patches, Type 4, 9 inch	Sq Yd	\$0.00	\$67.25	\$3,362.50	\$0.00
28	Class B Patches, Type 2, 10 inch	Sq Yd	725.00	\$77.00	\$55,825.00	\$0.00
29	Class B Patches, Type 3, 10 inch	Sq Yd	200.00	\$72.25	\$14,450.00	\$0.00
31	Removal and Replacement of Preformed Elastomeric Joint Seals for Pavement	Ft	-11,756.00	\$4.65	\$0.00	-\$54,665.40
46	Removing Inlets	Each	1.00	\$740.00	\$740.00	\$0.00
47	Combination Concrete Curb and Gutter, Type B-6.24	Ft	1.20	\$18.50	\$22.20	\$0.00
51	Changeable Message Sign	Cal Mo	-12.00	\$1,025.00	\$0.00	-\$12,300.00
52	Short Term Pavement Marking	Ft	-6,898.00	\$1.15	\$0.00	-\$7,932.70
70	Tree Pruning (Over 10 inch diameter)	Sq Ft	48.00	\$14.35	\$688.80	\$0.00
79	Sodding (Complete)	Sq Yd	720.00	\$9.15	\$6,588.00	\$0.00
83	Dowel Bar Assembly	Each	-6,296.00	\$79.00	\$0.00	-\$497,384.00
501	Dowel Bars	Each	21,649.00	\$14.75	\$319,322.75	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
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				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
TOTALS					\$1,135,214.85	-\$574,509.60

Request: NET CHANGE \$560,705.25 \$0.00

Net ADDITION change to date \$734,538.26 which is 31.716 % of the contract price

State fully the nature and reason for change:
Item #12: Remove and relocate silt fence to excavate slope for 100 yr flood per plan on west side of BG.
Item #21: Plan quantity insufficient. Many areas of curb on AH in deteriorated condition need replacement.
Item #24-29, 83,501: After slotting some existing cracks on AH that called for a DBR, a majority of the cracks are severely deteriorated full depth and would not be a candidate for a DBR. Therefore all DBR's on AH are converted to patches. Due to the increase in patch quantity, this also increased the quantity for Dowel Bars but DBR quantity for AH is deducted.
Item #51: Item not needed as message signs from LCDOT Traffic are utilized.
Item #79: Plan quantity insufficient. Curb removal and replacement is over plan quantity and therefore increased quantity for sodding restoration is needed.
Item #31: Item not needed as backer rod and sealant would be used in preformed joints.

When the net increase or decrease in the cost of the contract is \$10,000 or more or the time of completion is increased or decreased by 30 days or more, one of the following statements shall be checked.

- XXX The undersigned determined that the circumstances which necessitated this change were not reasonably foreseeable at the time the contract was signed.
- The undersigned determined that the circumstances which necessitated this change were not within the contemplation of the contract as signed.

The undersigned determined that this change is in the best interest of the local agency and is authorized by law.

Made By [Signature] Date 11/19/2009
 Checked By [Signature] Date 11/19/09

Approval Recommended _____ Date _____
 County Engineer

BLR13210
 Submit 3 copies of this form to Regional Engineer (4 copies for road district)
 updated GP 5/21/08 (for use on projects with MFT funding)

